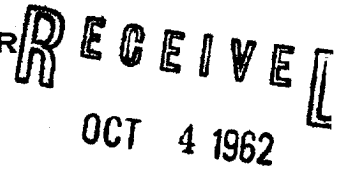


U. S. LAND OFFICE **New Mexico**  
 SERIAL NUMBER **03040-A**  
 LEASE OR PERMIT TO PROSPECT


LOCATE WELL CORRECTLY

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL  
 U. S. GEOLOGICAL SURVEY  
 FARMINGTON, NEW MEXICO

Company **El Paso Natural Gas Co.** Address **Box 990, Farmington, New Mexico**  
 Lessor or Tract **San Juan 29-6 Unit** Field **Blanco N. V.** State **New Mexico**  
 Well No. **46** Sec. **27** T. **29N** R. **6W** Meridian **N.M.P.M.** County **Rio Arriba**  
 Location **1650** ft. [N] of [S] Line and **1650** ft. [E] of [W] Line of **Sec. 27** Elevation **6323**  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.  
 Signed **ORIGINAL SIGNED H.E. McANALLY**  
 Date **October 3, 1962** Title **Petroleum Engineer**

The summary on this page is for the condition of the well at above date.  
 Commenced drilling **7-8-**, 19 **62** Finished drilling **7-26**, 19 **62**

OIL OR GAS SANDS OR ZONES  
(Denote gas by G)

No. 1, from **4979** to **5070 (G)** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from **5070** to **5375 (G)** No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from **5375** to **5564 (G)** No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From-	To-	
<b>9 5/8</b>	<b>32.30</b>	<b>8 RA.</b>	<b>J-55</b>	<b>125'</b>	<b>Reamer</b>				<b>Surface</b>
<b>7"</b>	<b>20</b>	<b>8 RA.</b>	<b>J-55</b>	<b>1130'</b>	<b>Reamer</b>				<b>Intermediate</b>
<b>4 1/2</b>	<b>10.5</b>	<b>8 RA.</b>	<b>J-55</b>	<b>8236'</b>	<b>Reamer</b>				<b>Liner</b>
<b>1 1/4</b>	<b>2.44</b>	<b>8 RA.</b>	<b>J-55</b>	<b>5550'</b>	<b>Reamer</b>				<b>Prod. Tubing</b>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<b>9 5/8</b>	<b>136</b>	<b>100</b>	<b>Circulated</b>		
<b>7"</b>	<b>3446</b>	<b>155</b>	<b>Single</b>		
<b>4 1/2</b>	<b>3357-5593</b>	<b>220</b>	<b>Single</b>		

PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
 Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<b>Perf.</b>	<b>5496-5502; 5454-60; 5440-46; 5422-28; 5372-78</b>	<b>w/2 BFF; 5056-68 w/1 BFF, frac.</b>				
	<b>w/81,700 gallons water, 72,000 sand</b>	<b>Finish w/7500 gallons. I.R. 33.8 BFM, Max.</b>				
	<b>pr. 3000#, BHP 1950#, tr. pr. 1500-3000#</b>	<b>Dropped 4 sets of 12 balls each.</b>				

TOOLS USED

Rotary tools were used from \_\_\_\_\_ 0 feet to **5562** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

**9-12**, 19 **62** Put to producing \_\_\_\_\_, 19 \_\_\_\_\_

The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. \_\_\_\_\_

If gas well, cu. ft. per 24 hours **7,548,000** Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. **1111 Csg. A.O.P. - 10,119 MCF/D**

EMPLOYEES

**C & M Drilling Co. & Brinkerhoff** Driller \_\_\_\_\_, Driller  
 \_\_\_\_\_, Driller \_\_\_\_\_, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
<b>0</b>	<b>4979</b>	<b>4979</b>	<b>Tan to gry cr-grn ss interbedded w/gry sh.</b>
<b>4979</b>	<b>5070</b>	<b>91</b>	<b>Cliff House ss. Gry, fine-grn, dense sil ss.</b>
<b>5070</b>	<b>5375</b>	<b>305</b>	<b>Mansfee form. Gry, fine-grn s, carb sh &amp; coal.</b>
<b>5375</b>	<b>5565</b>	<b>190</b>	<b>Point lookout form. Gry, very fine sil ss. w/frequent sh breaks.</b>
<b>5565</b>	<b>5593</b>	<b>29</b>	<b>Mansfee form. Gry carb sh.</b>

